



Department of  
**Education**

Institute for  
CTE Educators

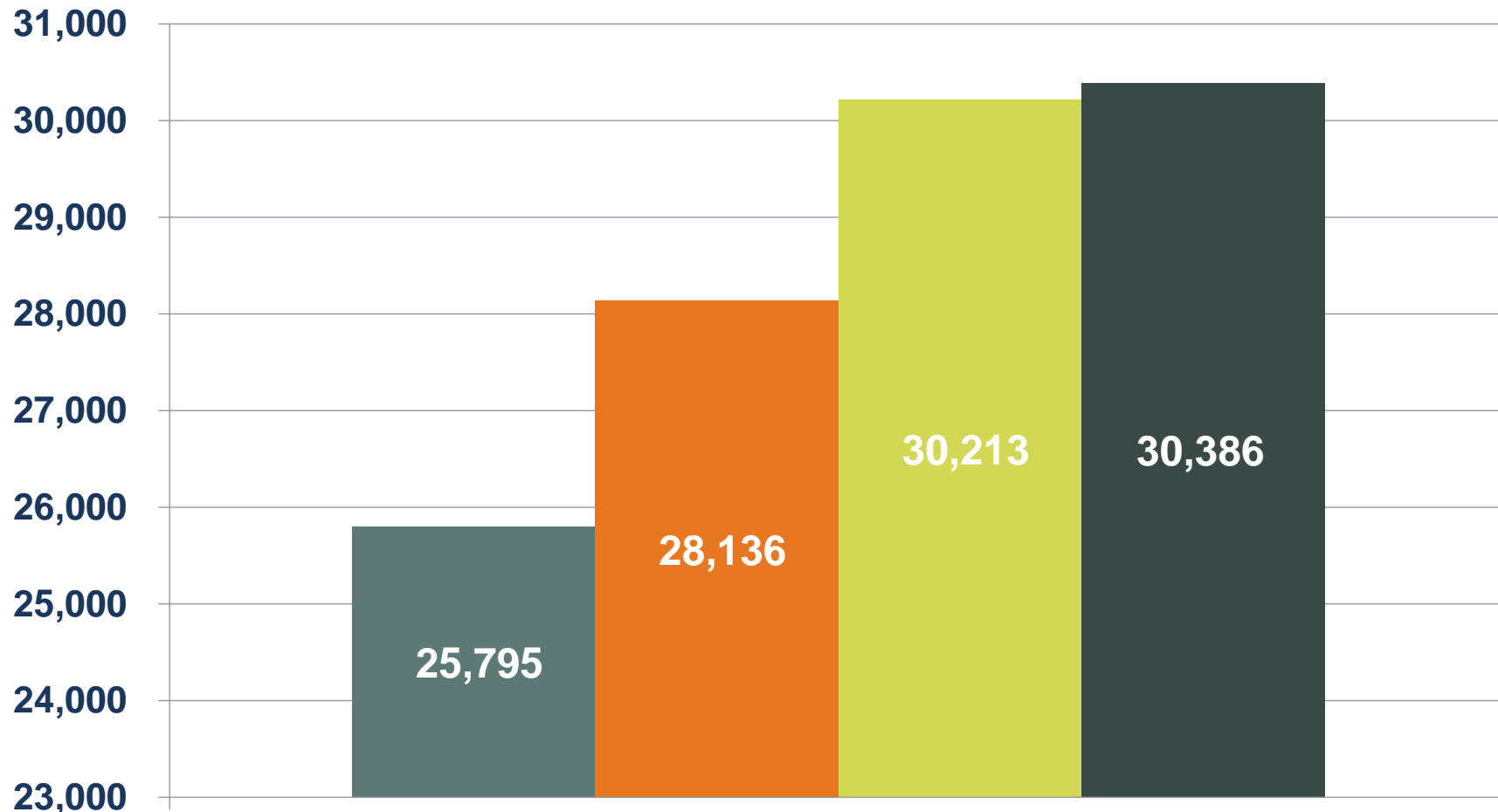
# Arts, Audio Visual Technology, & Communications Data Session

Candi Norwood, director of student success, division of college, career and technical education

Heather Justice, executive director CTE, division of college, career and technical education

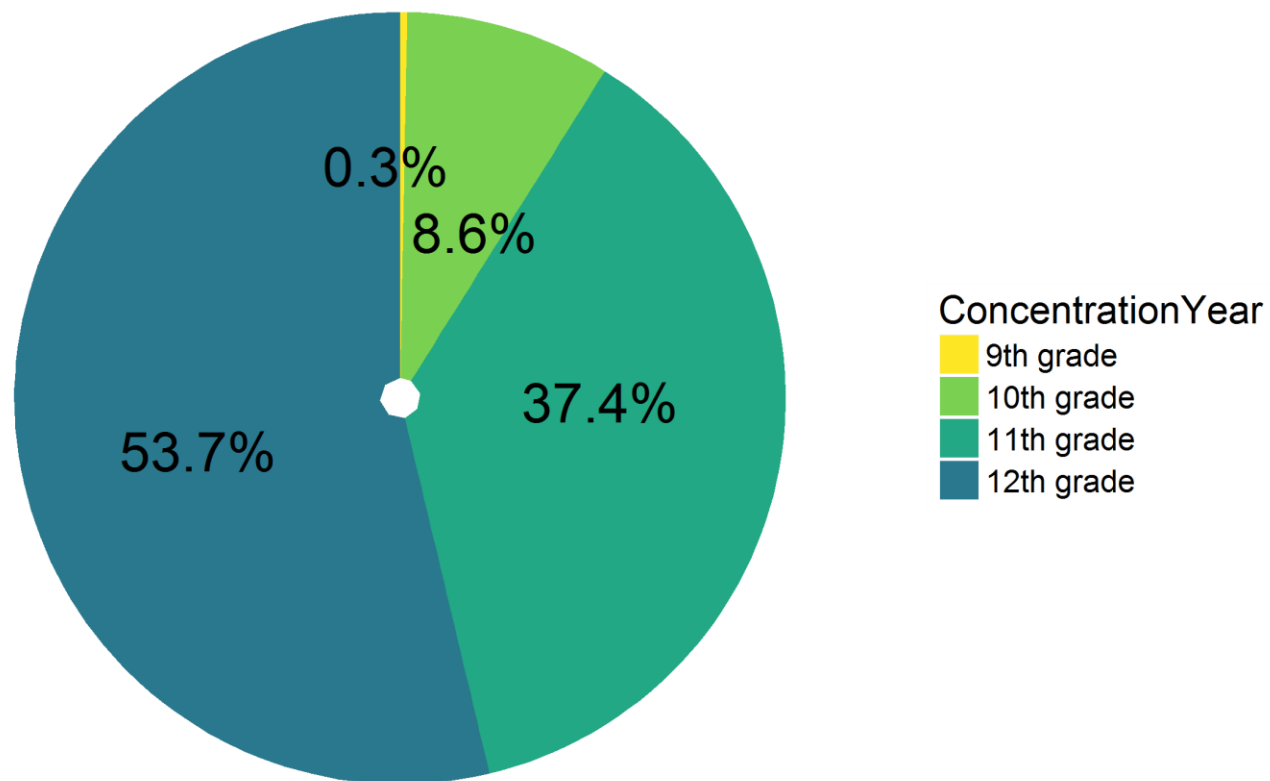
# Number of students who concentrate in CTE continues to increase

■ 2012-13 ■ 2013-14 ■ 2014-15 ■ 2015-16

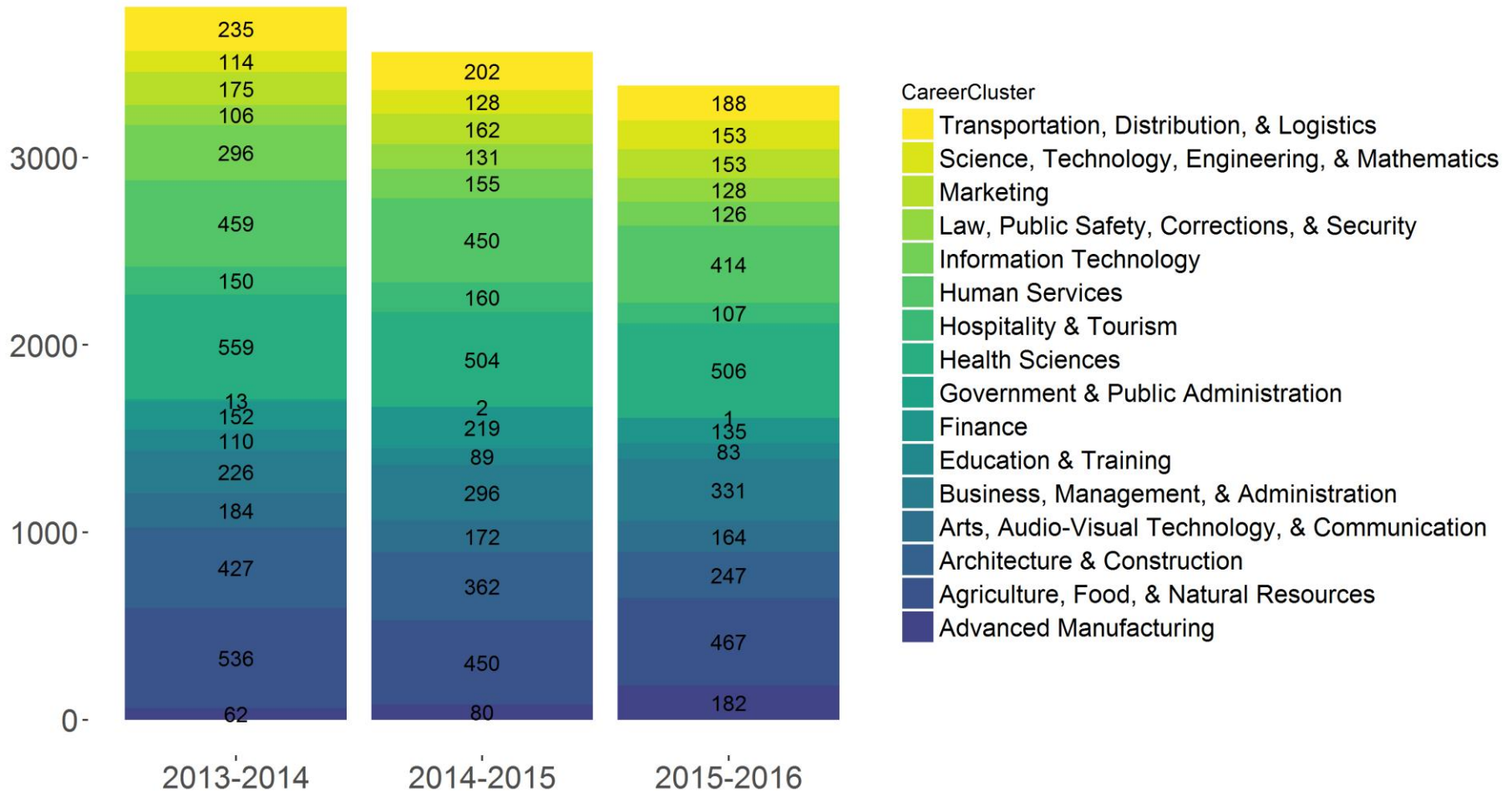


**Students who concentrate in CTE**

# Grade when students in the 2012 freshman cohort attained concentrator status



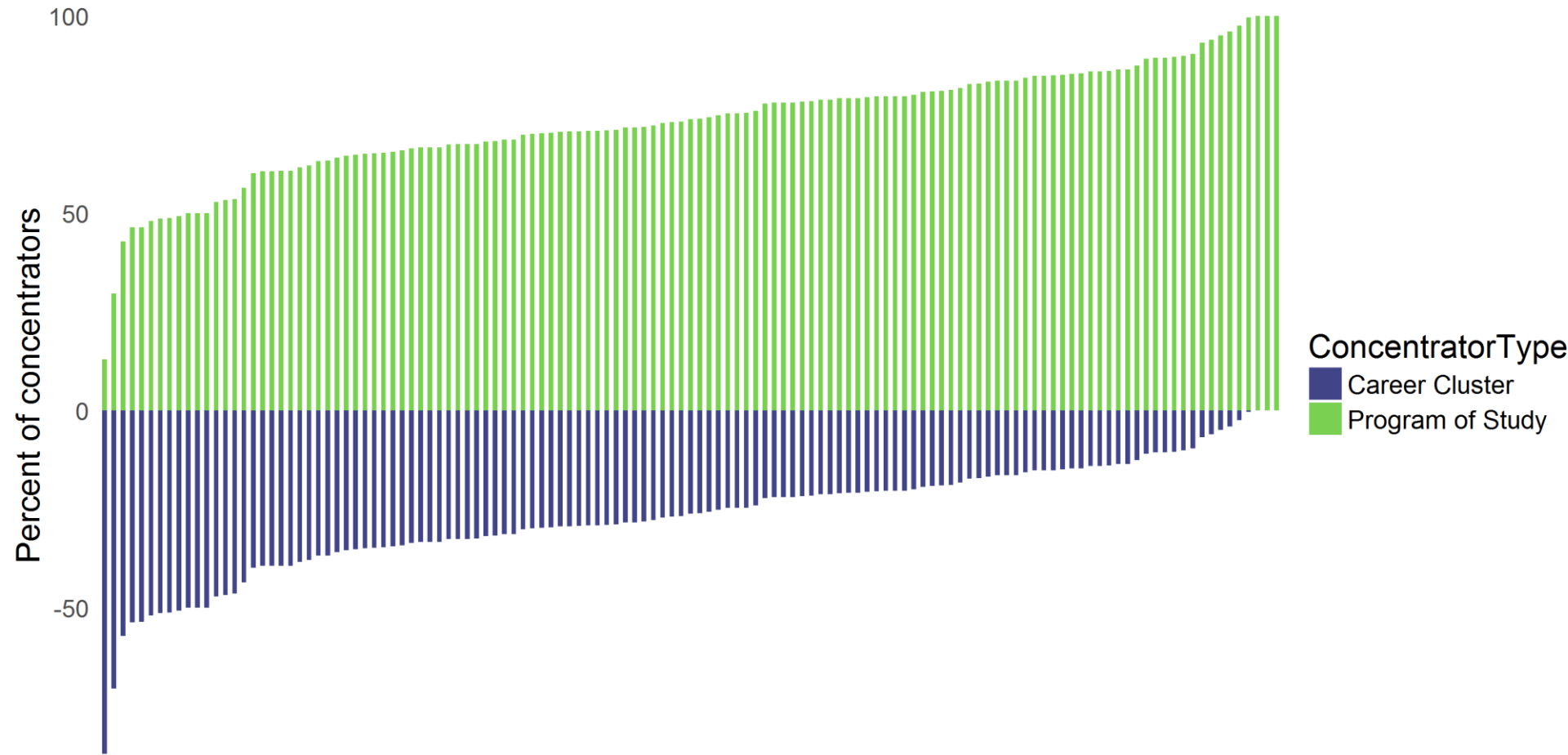
# Program of Study offerings, 2013-14 through 2015-16





**Students who  
Concentrate in CTE  
Programs of Study**

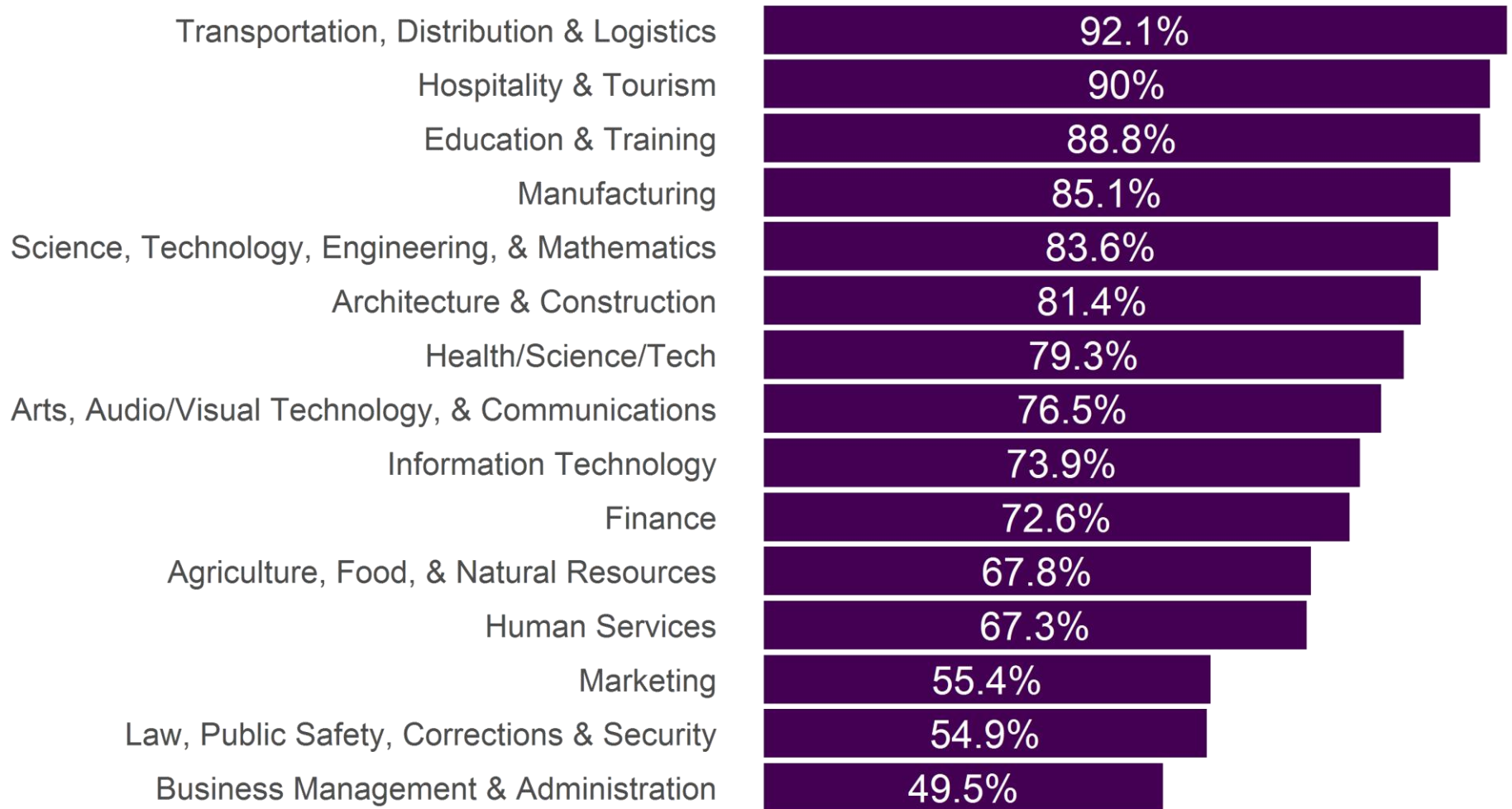
# District breakdown of concentrator types for 2012 cohort



# Concentrator Trends

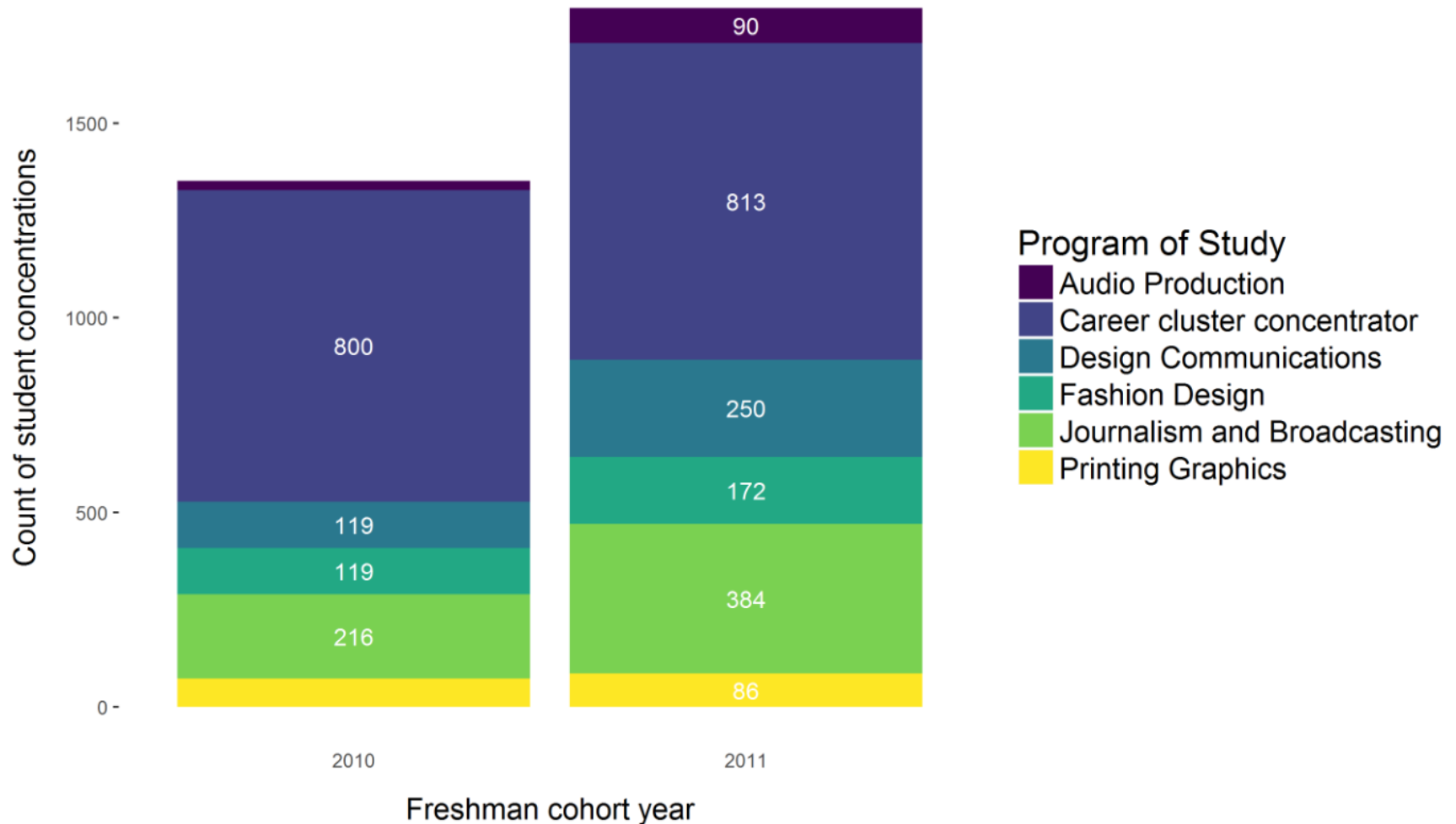
	14-15 PoS	14-15 CC	% PoS	15-16 PoS	15-16 CC	% PoS	Change
AG	2863	2471	53.7%	3455	1779	66.0%	<b>12.3%</b>
CONS	2309	1335	63.4%	2408	490	83.1%	<b>19.7%</b>
ARTS	1246	932	57.2%	1797	439	80.4%	<b>23.2%</b>
BUS	1234	1745	41.4%	1410	1207	53.9%	<b>12.5%</b>
EDU	204	145	58.5%	295	101	74.5%	<b>16.0%</b>
FIN	555	368	60.1%	372	214	63.5%	<b>3.4%</b>
HS	5389	2699	66.6%	6302	1703	78.7%	<b>12.1%</b>
HOSP	1225	362	77.2%	1442	127	91.9%	<b>14.7%</b>
HUSV	2921	3370	46.4%	3685	1768	67.6%	<b>21.1%</b>
IT	848	622	57.7%	972	246	79.8%	<b>22.1%</b>
LAW	593	1428	29.3%	1235	923	57.2%	<b>27.9%</b>
MANU	314	231	57.6%	1199	343	77.8%	<b>20.1%</b>
MKT	545	1046	34.3%	986	802	55.1%	<b>20.9%</b>
STEM	993	501	66.5%	1314	240	84.6%	<b>18.1%</b>
TRANS	1823	596	75.4%	2172	252	89.6%	<b>14.2%</b>

# Percentage of CTE Concentrators who concentrated in a Program of Study





# CTE Concentrators in Advanced Manufacturing



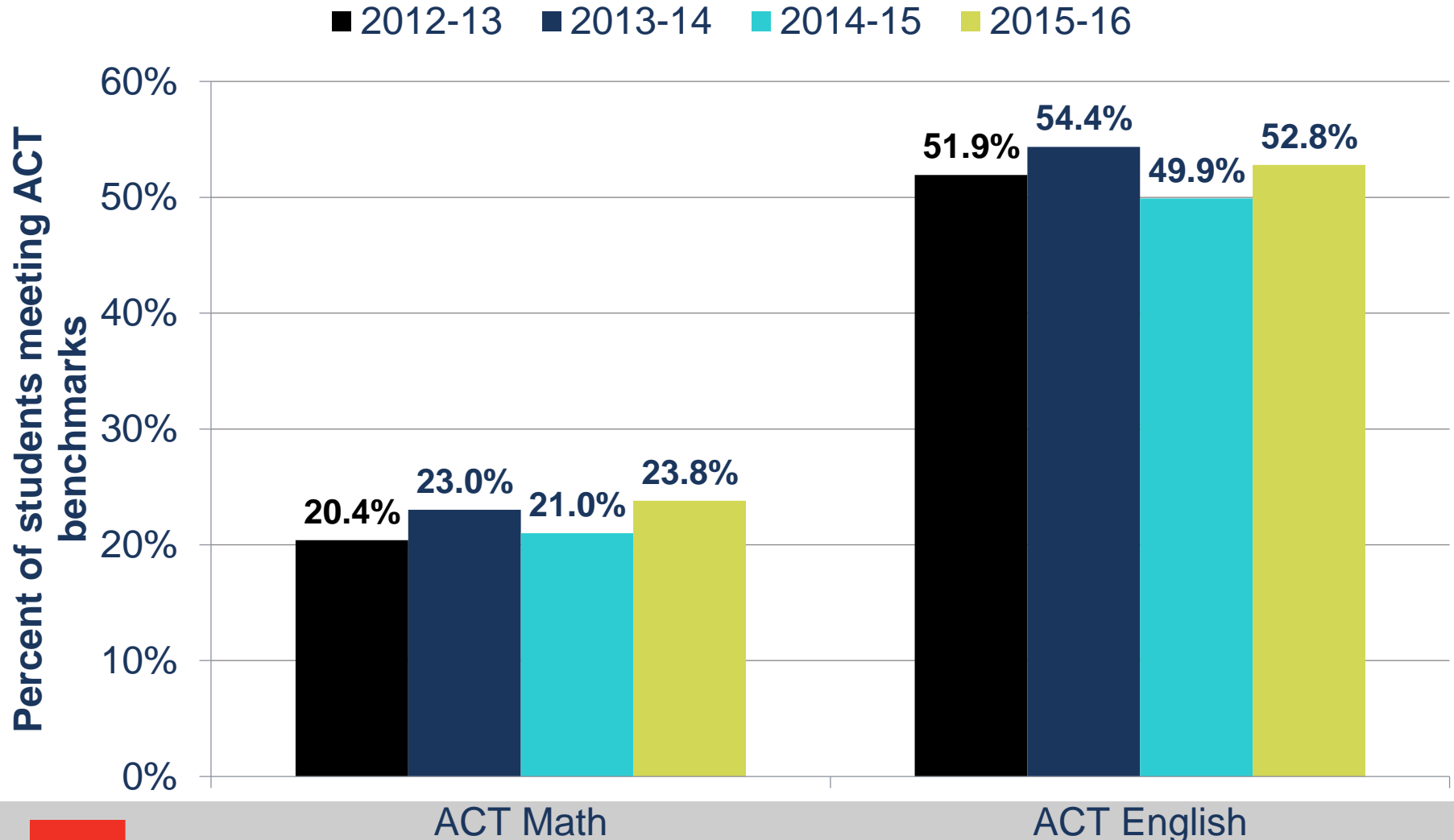
# Definition of a Student Who Concentrates in CTE

- Beginning with the 2017-18 School Year:
  - A student who concentrates in CTE will complete **three or more** courses within a **program of study**



# **2016 Graduating Class: ACT Achievement**

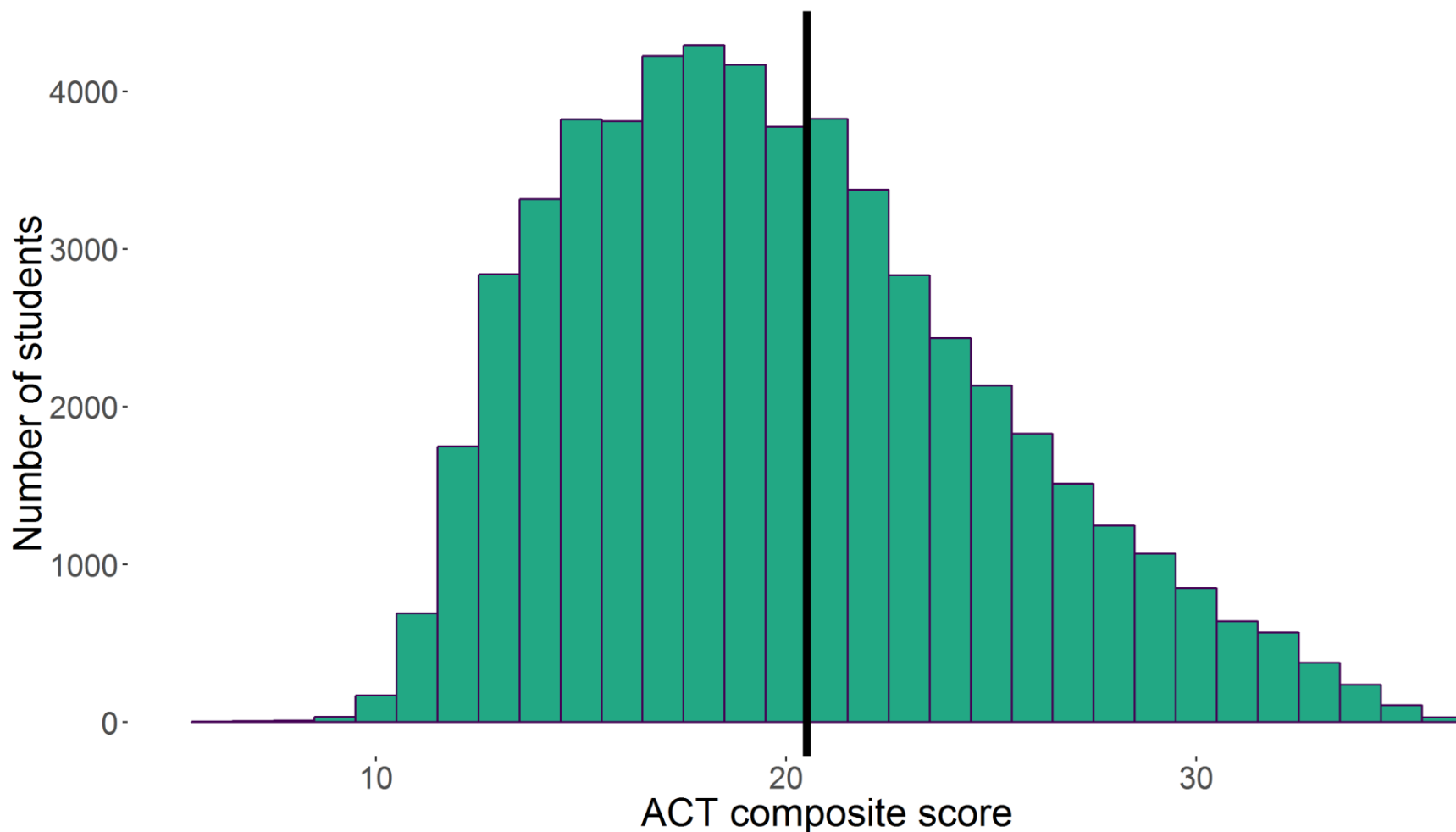
# Students who concentrated in CTE and who met ACT benchmarks



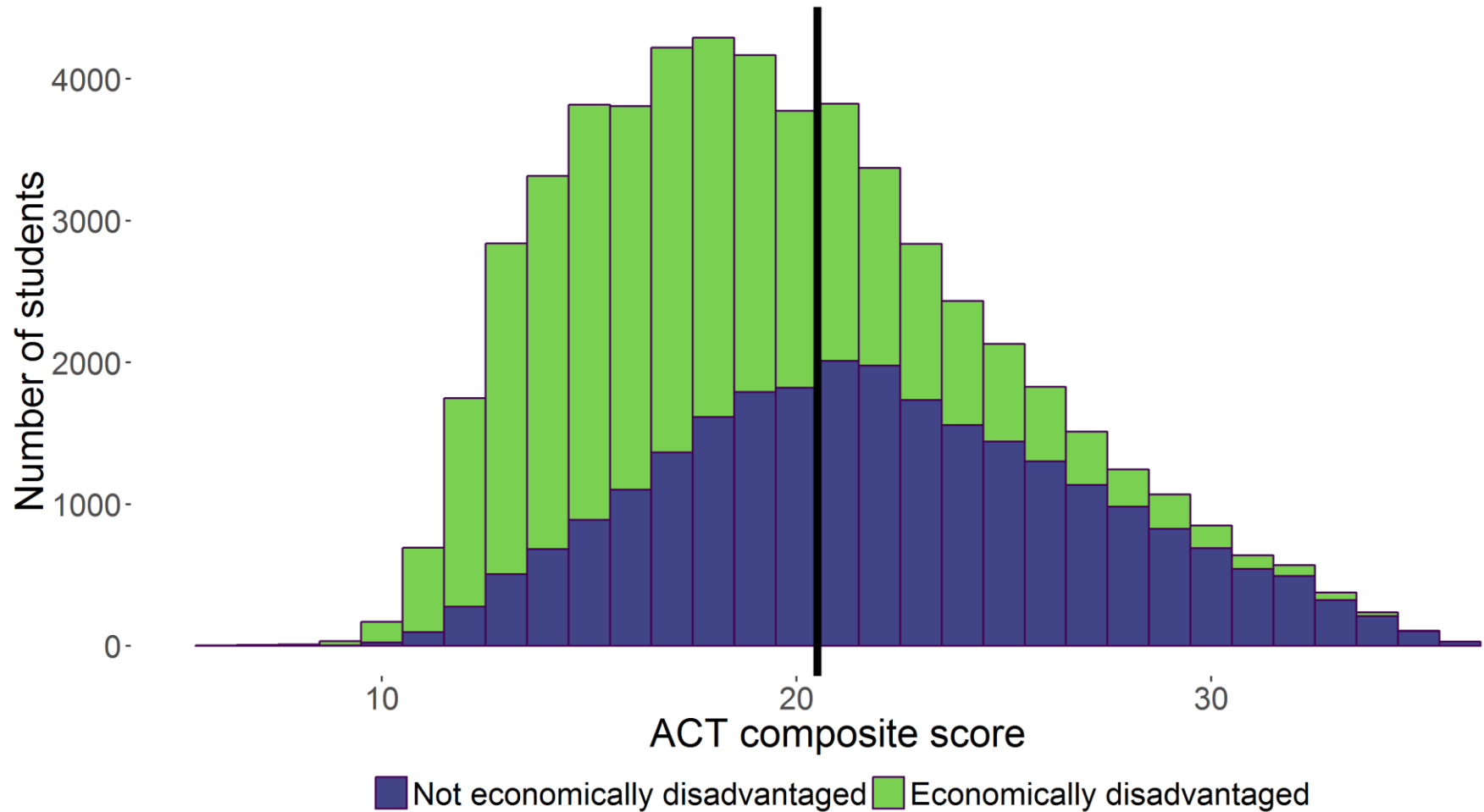
# ACT overview for graduates in the 2012 cohort

	All Students	CTE Concentrators
Average ACT	19.8	19.0
Percent 21 or above	36.5%	32.0%
Percent below 19	39.5%	45.4%

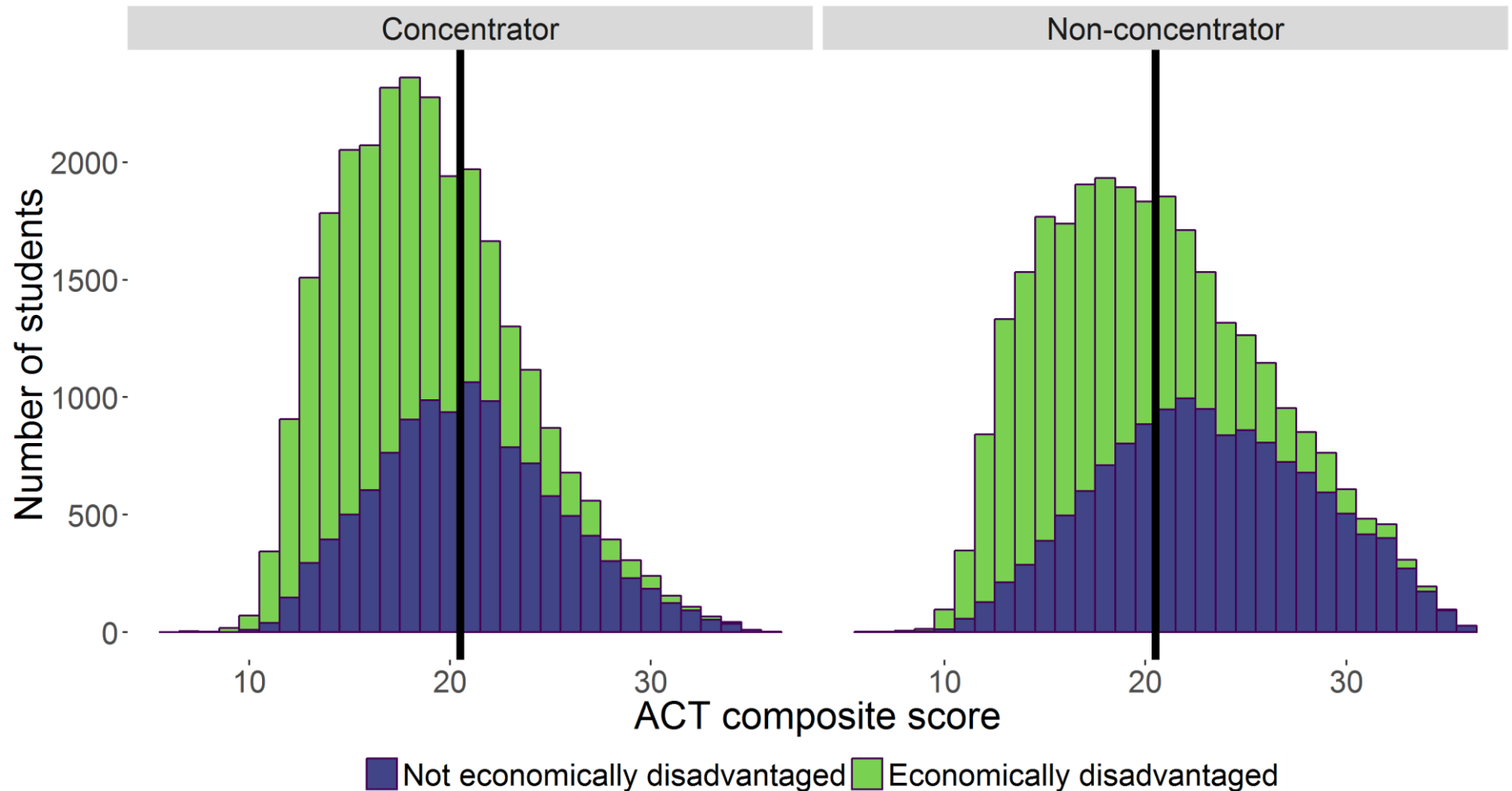
# Distribution of ACT scores for 2012 cohort



# Distribution of ACT scores for 2012 cohort by economic disadvantage



# Distribution of ACT scores for 2012 cohort by economic disadvantage and concentrator status





# ACT by Career Cluster for 2012 cohort

Career Cluster	Average ACT	Percent 21 or above	Percent below 19	Students tested
Agriculture, Food, & Natural Resources	18.3	28.6%	64%	4505
Architecture & Construction	17.7	25%	68.8%	2621
Arts, Audio/Visual Technology, & Communications	19.4	38.3%	54.1%	1845
Business Management & Administration	19.7	41.3%	51.9%	2418
Education & Training	18.8	33.7%	59.9%	359
Finance	20.8	50.5%	42.5%	664
Health/Science/Tech	20.4	46.2%	45.1%	7494
Hospitality & Tourism	17.8	22.6%	70.3%	1318

# ACT by Career Cluster for 2012 cohort

<b>Career Cluster</b>	<b>Average ACT</b>	<b>Percent 21 or above</b>	<b>Percent below 19</b>	<b>Students tested</b>
Human Services	17.6	22.1%	71.5%	4947
Information Technology	20	43.8%	48.8%	1332
Law, Public Safety, Corrections & Security	19	33.7%	56.8%	1800
Manufacturing	17.4	22.6%	72.7%	954
Marketing	20.1	43.7%	47.9%	1635
Science, Technology, Engineering, & Mathematics	21.2	51.2%	41.9%	1528
Transportation, Distribution & Logistics	16.3	13.5%	81.8%	1820

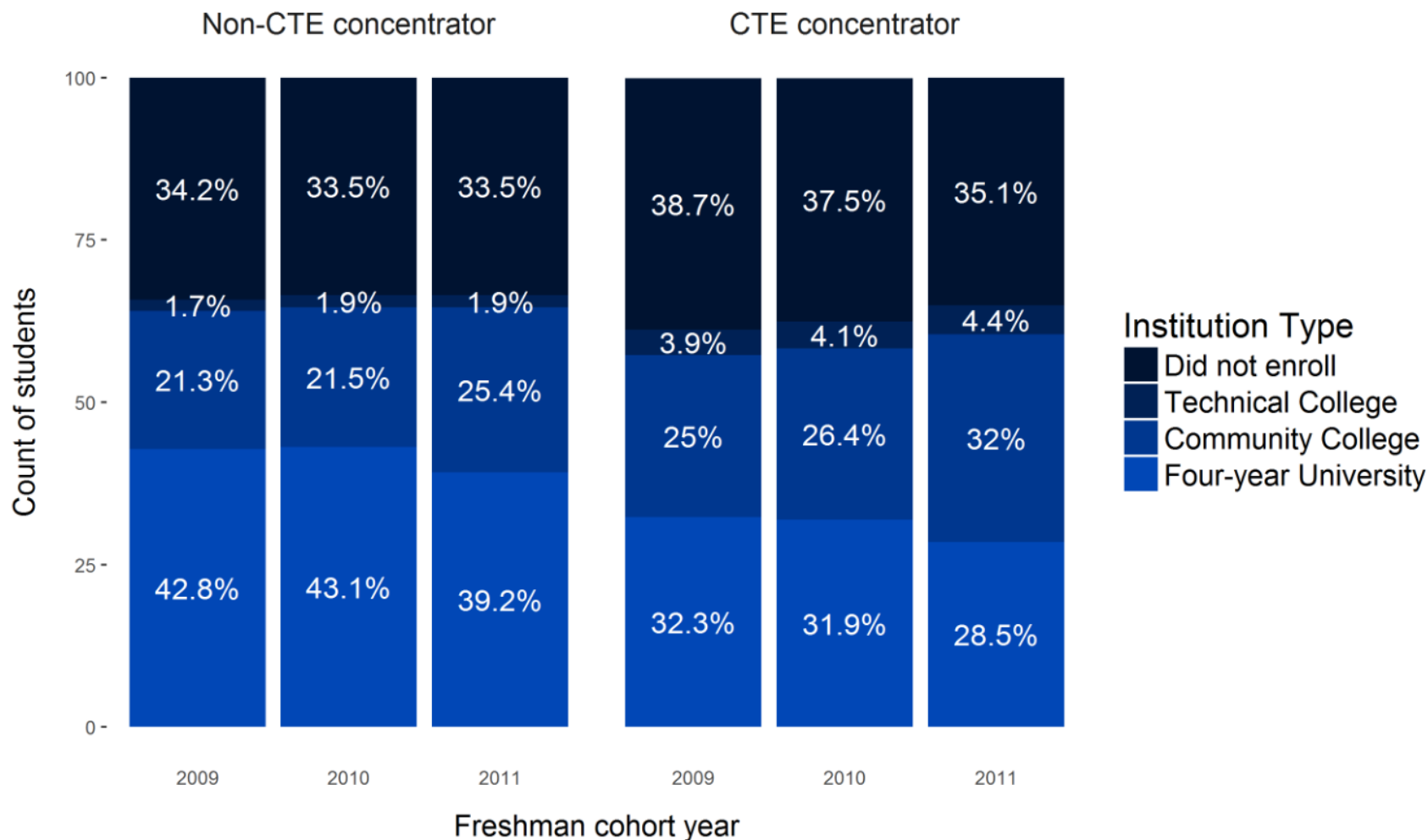
The logo consists of a red square with the white letters 'TN' inside. Below the red square is a thin dark blue horizontal bar.

**TN**

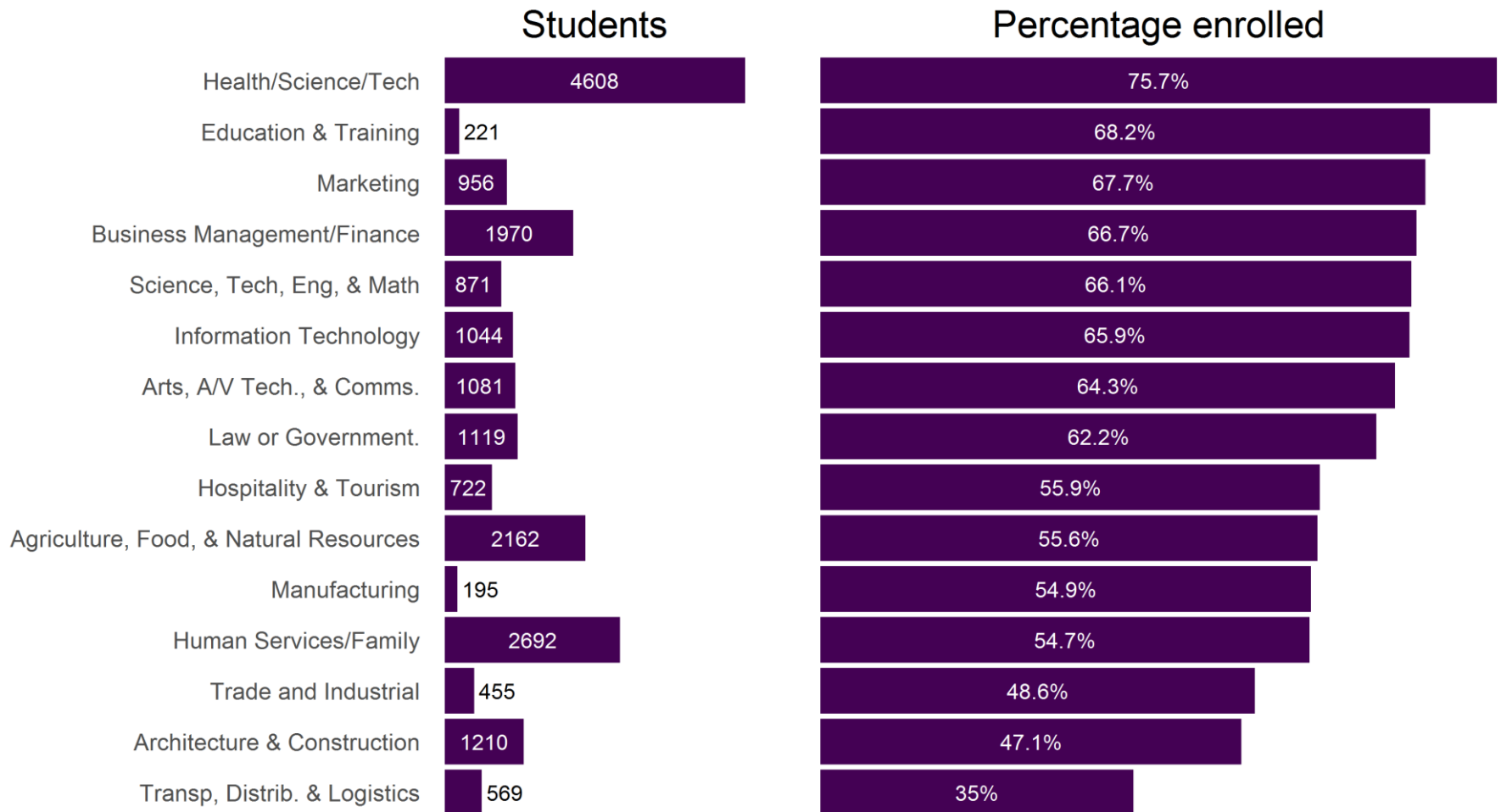
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# Seamless Postsecondary Enrollment

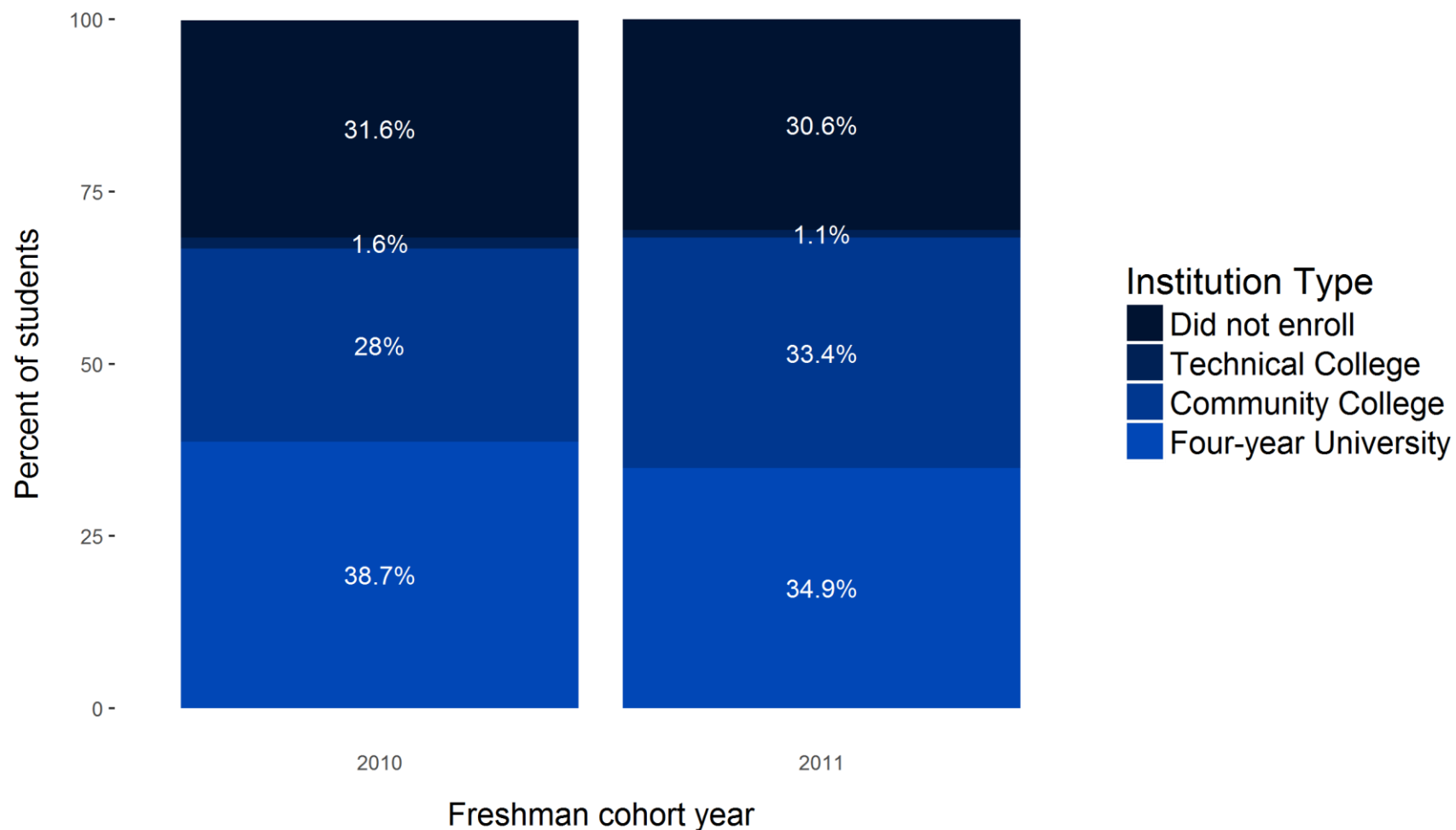
# Postsecondary enrollment by CTE concentrator status (seamless enrollment within 16 months of graduation)



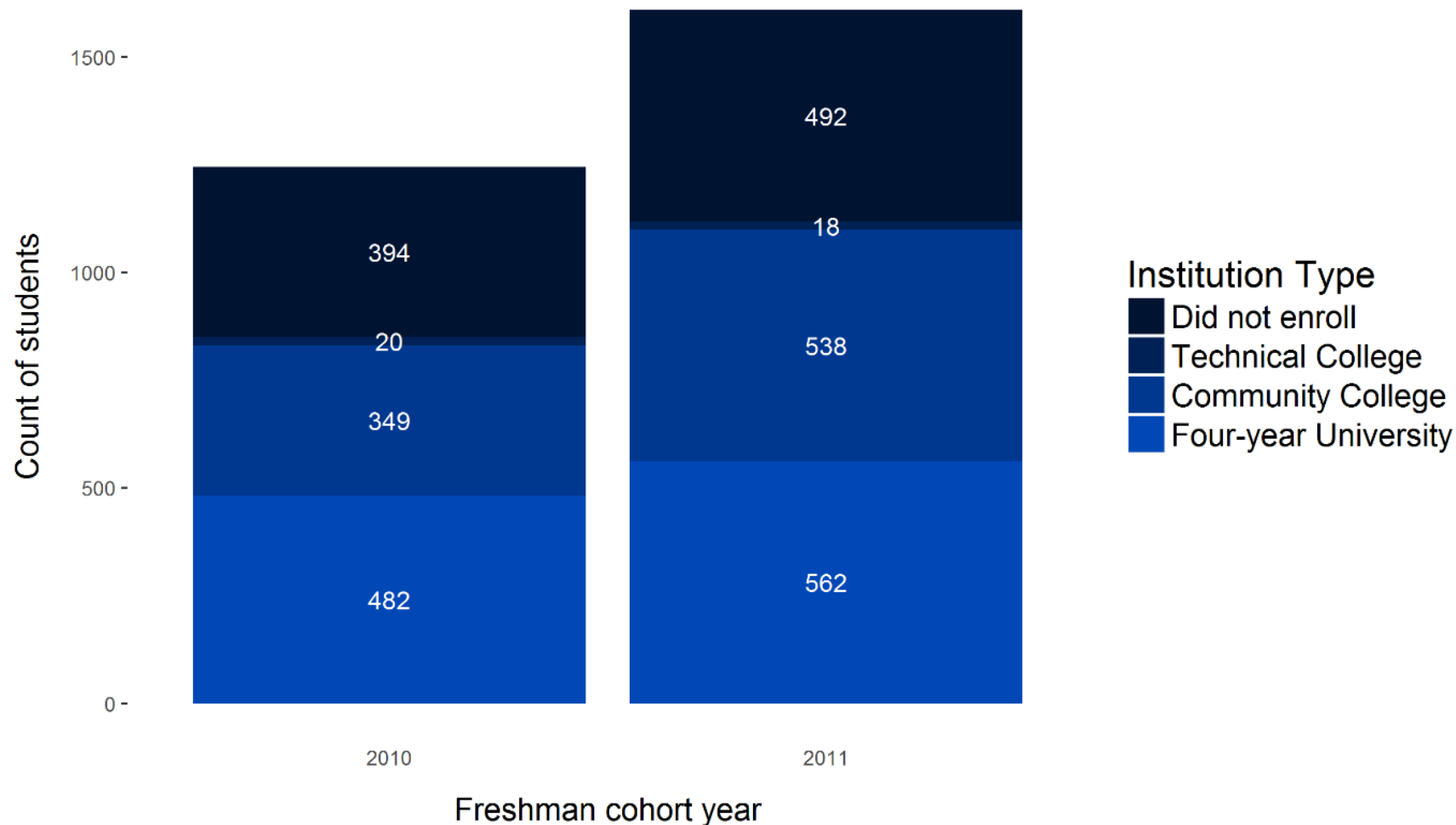
# Postsecondary enrollment for 2011 cohort by Career Cluster



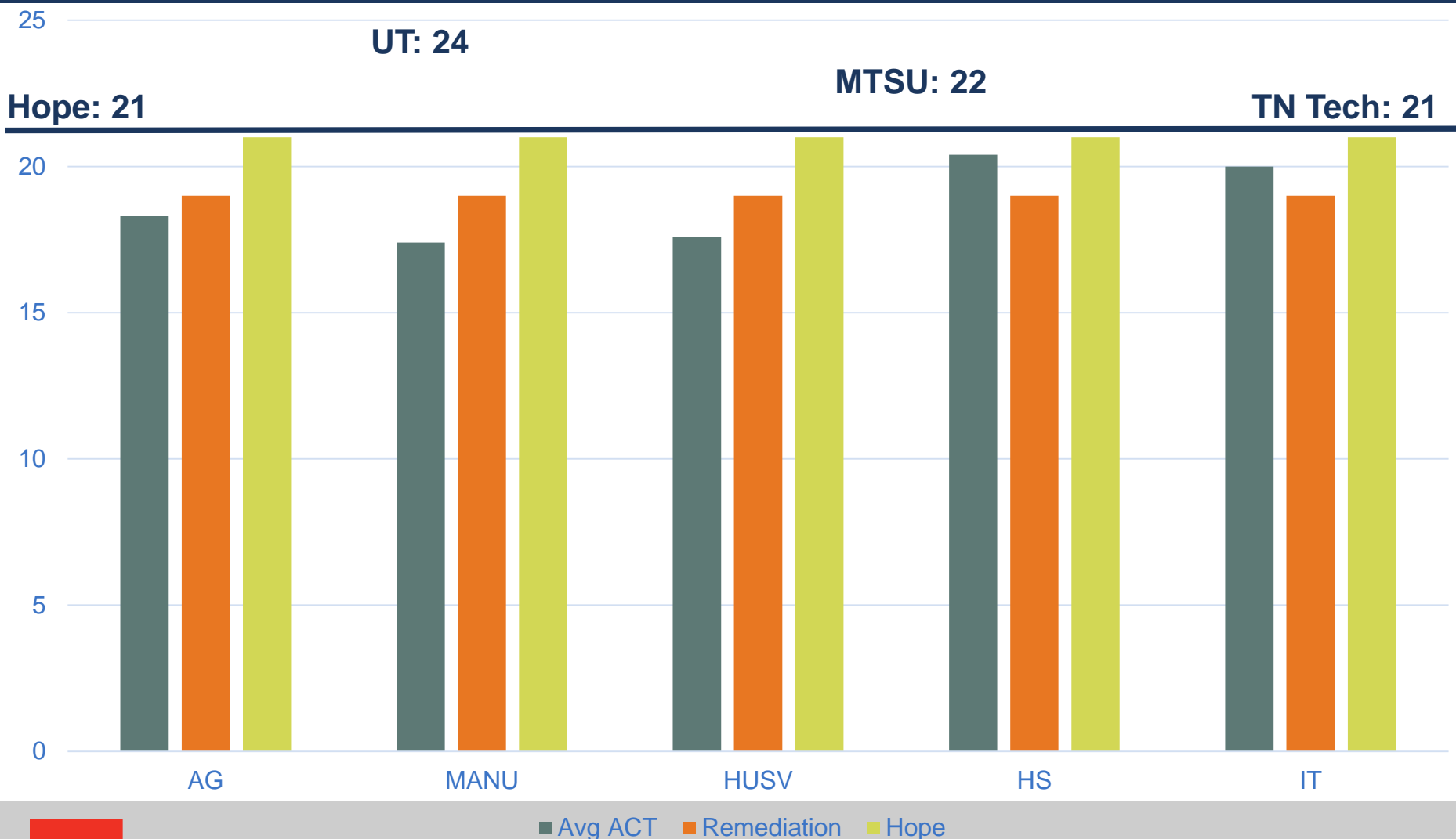
# Postsecondary enrollment for Arts/AV



# Postsecondary enrollment for Arts/AV



# Entrance requirements vs. average ACT



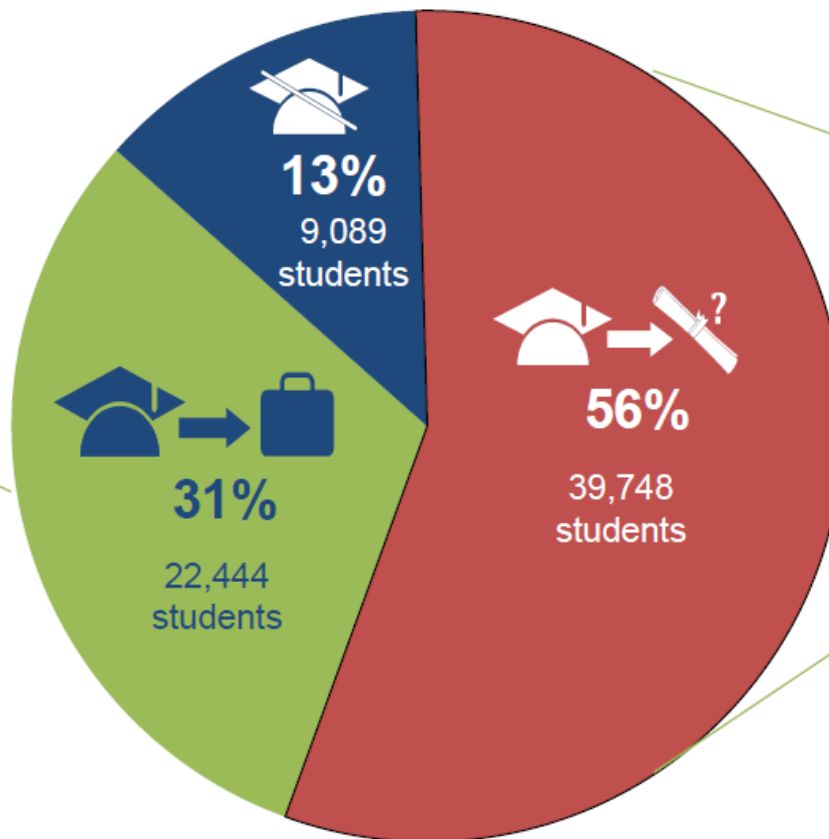


# 71,403 Students

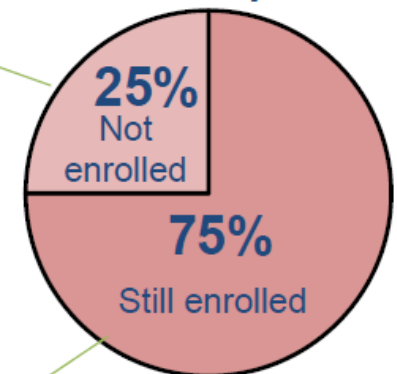
## 2008 Cohort of High School Freshmen

Students who graduated from high school and entered the workforce and earn an average salary of **\$9,161 annually**, far below the poverty line.

- Did not graduate from high school
- Graduated from high school only
- Enrolled in postsecondary



### After one year



**Only 6 percent** of students who were enrolled after one year **completed a degree or certificate within two years.**

# Questions and Discussion





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*Districts and schools in Tennessee will exemplify excellence and equity such that all students are equipped with the knowledge and skills to successfully embark on their chosen path in life.*